

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 10/791,927

Art Unit: 2627

Filing Date: 03/02/2004

Examiner: KAYRISH, MATTHEW

First Named Inventor: Matthew J. Carey

Date: June 13, 2007

Title: **MAGNETORESISTIVE SENSOR WITH ANTIFERROMAGNETIC
EXCHANGE-COUPLED STRUCTURE HAVING UNDERLAYER FOR ENHANCING
CHEMICAL-ORDERING IN THE ANTIFERROMAGNETIC LAYER**

AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This is in response to the Office communication mailed 04/30/2007.

None of the claims are being amended but are presented below in their current state of prosecution.